

Blast Result

EXHIBIT 2



Blast 2 Sequences results

PubMed

Entrez

BLAST

OMIM

Taxonomy

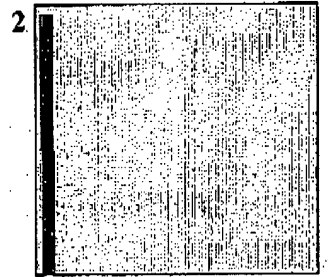
Structure

BLAST 2 SEQUENCES RESULTS VERSION BLASTN 2.2.2 [Dec-14-2001]

Match: Mismatch: gap open: gap extension:
 x_dropoff: expect: wordsize: Filter ☒ Align

Sequence gi Homo sapiens endothelial differentiation, sphingolipid G- Length 2753 (1 .. 2753)
 1 13027635 protein-coupled receptor, 1 (EDG1), mRNA

Sequence lcl|seq_2 Length 25 (1 .. 25)
 2



NOTE: The statistics (bitscore and expect value) is calculated based on the size of nr database

NOTE: If protein translation is reversed, please repeat the search with reverse strand of the query sequence

Score = 43.0 bits (22), Expect = 1.6
 Identities = 24/25 (96%)
 Strand = Plus / Minus

Query: 118 ctacacaaaaagcctggatcactca 142
 |||||
 Sbjct: 25 ctacacaaaaagcctggatcactca 1

CPU time: 0.06 user secs. 0.05 sys. secs 0.11 total secs.

Lambda K H
 1.33 0.621 1.12

Gapped
 Lambda K H
 1.33 0.621 1.12

Matrix: blast1 matrix:1 -2
 Gap Penalties: Existence: 5, Extension: 2
 Number of Hits to DB: 1

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Number of Sequences: 0
Number of extensions: 1
Number of successful extensions: 1
Number of sequences better than 10.0: 1
length of query: 2753
length of database: 5,006,917,935
effective HSP length: 25
effective length of query: 2728
effective length of database: 5,000,452,710
effective search space: 13641234992880
effective search space used: 13641234992880
T: 0
A: 30
X1: 6 (11.5 bits)
X2: 26 (50.0 bits)
S1: 12 (23.8 bits)
S2: 21 (41.1 bits)